

1           **(August 1, 2005)**

2           **Pigmented Sealer**

3           The Contractor shall submit a one-quart wet sample, a draw down color sample  
4           and spectrophotometer or colorimeter readings, taken in accordance with either  
5           ASTM D 2244 or Color Matching Conference (CMC) standards, for each batch.  
6           The calculated Delta E (CIELAB or CMC) shall not exceed 1.0 deviation from the  
7           color chip specified and available from the Contracting Agency. The Contractor  
8           shall label each wet sample and draw down color sample with the batch number.  
9           The Contractor shall not begin applying pigmented sealer until receiving the  
10          Engineer's written approval of the pigmented sealer color samples.

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12          All surfaces to be sealed shall receive a Class 2 finish, (except that concrete  
13          barrier surfaces shall be finished in accordance with Section 6-02.3(11)A) and shall  
14          receive a light brush sandblasting in order that complete neutralization of the  
15          surface and subsequent penetration of the pigmented sealer is achieved. All  
16          curing agents and form release agents shall be removed. The surface shall be dry,  
17          clean and prepared in accordance with manufacturer's written instructions. The  
18          Contractor shall submit four copies of the manufacturer's written instructions.

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20          The pigmented sealer shall be spray applied in accordance with the manufacturer's  
21          written instructions for application, qualification of applicator, rate of application,  
22          and number of coats to apply. Sealer shall be applied only when the air  
23          temperature is at or above 50F. Sealer shall not be applied until the concrete has  
24          cured for at least 28 days. It shall not be applied upon damp surfaces, nor shall it  
25          be applied when the air is misty, or otherwise unsatisfactory for the work, in the  
26          opinion of the manufacturer or the Engineer. The final appearance shall have an  
27          even and uniform color acceptable to the Engineer.

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29          For concrete surfaces such as columns, retaining walls and abutments, the  
30          pigmented sealer shall extend to 1 foot below the finish ground line, unless  
31          otherwise shown in the Plans.